

APPLICANT(S): RAVI, Ashoke et al.
SERIAL NO.: 10/608,142
FILED: June 30, 2003
Page 6

REMARKS

The present Amendment and Response is intended to be fully responsive to all points of objection and/or rejection raised by the Examiner and is believed to place the Application in condition for allowance. Applicants assert that the present invention is new, non-obvious and useful. Favorable reconsideration and allowance of the application is respectfully requested.

Status of Claims

Claims 1, 3-7, 9-11, 13-17, 19-21 and 23-27 are pending in the application. Claims 1, 3-7, 9-11, 13-17, 19-21 and 23-27 have been rejected. Claims 1, 11 and 21 have been amended to more particularly point out and distinctly claim the subject matter which Applicants regard as the invention. The amendments to the claims add no new matter.

CLAIM REJECTIONS

35 U.S.C. § 102 Rejections over Komori

In the Office Action, the Examiner rejected claims 1, 11 and 21 under 35 U.S.C. § 102(b), as being anticipated by US Patent Number 5,481,227 to Komori et al. ("Komori").

Applicants respectfully traverse the rejections of claims 1, 11 and 21 under 35 U.S.C. § 102(b) as being anticipated over Komori in view of the remarks that follow.

As is well established, in order to successfully assert a *prima facie* case of anticipation, the Examiner must provide a single prior art document that includes every element of the claim being rejected. Applicants respectfully submit that Komori does not teach or suggest all elements of claims 1, 11 and 21.

Independent claims 1 and 11 recite, *inter alia*, "wherein the first amplifier and the second amplifier are controlled by a single tuning voltage".

Independent claim 21 recites, *inter alia*, "wherein tuning comprises: providing a single tuning voltage at a node connected between first and second oscillation paths of said oscillator, wherein the first oscillation path is parallel to the second path".

APPLICANT(S): RAVI, Ashoke et al.
SERIAL NO.: 10/608,142
FILED: June 30, 2003
Page 7

Applicants respectfully submit that Komori does not teach or suggest, at least the above cited elements of claims 1, 11, and 21.

Komori discloses "a first oscillator oscillating at a desired frequency as a result of inputting a voltage from a parallelly-connected first resonator and first voltage-variable capacitor to a current feedback loop of a first amplifier and controlling a voltage applied to the first voltage-variable capacitor, a second oscillator oscillating at a desired frequency as a result of inputting a voltage from a parallelly-connected second resonator and second voltage-variable capacitor to a current feedback loop of a second amplifier and controlling a voltage applied to the second voltage-variable capacitor" (see Komori column 2 lines 12-22, emphasis added).

Komori does not include a first amplifier and the second amplifier controlled by a single tuning voltage as recited (in paraphrase) by Applicants' claims 1, 11 and 21.

Komori includes in claim 1 a "first oscillating means oscillating at a desired frequency in response to a voltage from a first resonator and first voltage-variable capacitor connected in parallel to a first current feedback loop of a first amplifier for controlling a voltage applied to the first voltage-variable capacitor; second oscillating means oscillating at a desired frequency in response to a voltage from a second resonator and second voltage-variable capacitor connected in parallel to a second current feedback loop of a second amplifier for controlling a voltage applied to the second voltage variable capacitor." (emphasis added)

The first oscillating loop and the second oscillating loop disclosed by Komori are controlled by two different voltages. The first oscillating loop is controlled by voltage "v1" while the second oscillating loop is controlled by voltage "v2" as is clearly shown in Fig. 1 of Komori.

Applicants therefore assert that independent claims 1, 11 and 21 are allowable over Komori. Therefore, Applicants respectfully request that the Examiner withdraw the rejection of claims 1, 11 and 21 under 35 U.S.C. § 102(b).

35 U.S.C. § 103(a) Rejection over Komori in view of Igarashi

In the Office Action, the Examiner rejected claims 3-7, 9, 10, 13-17, 19, 20 and 23-27 under 35 U.S.C. § 103(a) as being unpatentable over Komori in view of US Patent Number

APPLICANT(S): RAVI, Ashoke et al.
SERIAL NO.: 10/608,142
FILED: June 30, 2003
Page 8

5,950,143 to Igarashi et al. ("Igarashi"). Applicants respectfully traverse the rejections of claims 3-7, 9, 10, 13-17, 19, 20 and 23-2 under 35 U.S.C. § 103(a) as being unpatentable over Komori in view of Igarashi in view of the remarks that follow.

As discussed, claims 1, 11 and 21 are allowable over Komori. Each of claims 3-7, 9-10, 13-17, 19-20 and 23-27 depends directly or indirectly from one of independent claims 1, 11, and 21 and incorporates all the elements of the claim from which it depends. Igarashi does not cure the deficiencies of Komori. Therefore, it is respectfully submitted that claims 3-7, 9-10, 13-17, 19-20 and 23-27 are likewise patentable.

Accordingly, Applicants respectfully request that the Examiner withdraw the rejection of claims 3-7, 9-10, 13-17, 19-20 and 23-27 under 35 USC §103(a) over Komori in view of Igarashi.

Conclusion

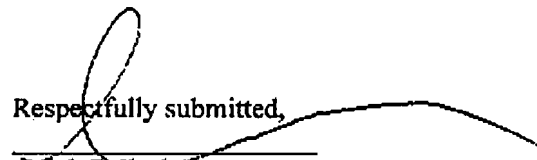
In view of the foregoing amendments and remarks, the pending claims are deemed to be allowable. Their favorable reconsideration and allowance is respectfully requested.

Should the Examiner have any question or comment as to the form, content or entry of this Response and Amendment, the Examiner is requested to contact the undersigned at the telephone number below. Similarly, if there are any further issues yet to be resolved to advance the prosecution of this application to issue, the Examiner is requested to telephone the undersigned counsel.

APPLICANT(S): RAVI, Ashoke et al.
SERIAL NO.: 10/608,142
FILED: June 30, 2003
Page 9

Aside from the fee for the RCE, being requested separately, no fees are believed to be due associated with this paper. However, if any such fees are due, please charge such fees to deposit account No. 50-3355.

Respectfully submitted,


Caleb Pottack
Attorney for Applicant(s)
Registration No. 37,912

Dated: October 22, 2007

Pearl, Cohen, Zedek, Latzer LLP.
1500 Broadway, 12th Floor
New York, NY 10036
Phone: (646) 878-0800
Fax: (646) 878-0801